

## Speaker Biographies

**Shannon Baxter-Clemmons, Ph.D.** is presently employed as the Hydrogen and Alternative Energy Advisor to Secretary Terry Tamminen at the California Environmental Protection Agency. She is charged with directing the creation of the California Hydrogen Blueprint Plan called for in Executive Order S-7-04 that outlines Governor Schwarzenegger's vision for hydrogen in California. She was previously at the California Air Resources Board in the Chairman's Office of Science and Advanced Technology, where she served for four years as the ARB's representative on the California Fuel Cell Partnership's Working Group. Before coming to California she worked as the Director of Special Projects at Fuel Cells 2000 and was awarded research appointments at E. I. Du Pont de Nemours, WESTVACO, and Argonne National Laboratory. She received her Ph.D. in chemical engineering from the University of South Carolina in 1999. Her graduate work emphasized applying electrochemical techniques to technical issues affecting the environment, namely fuel cells as a source of clean power and electrolyzing hazardous waste streams.

**Woodrow W. "Woody" Clark II** is a Senior Fellow at the Milken Institute and CEO/Managing Director of Clark Communications, LLC, which he founded in 1980. Clark Communications merges business and public policy to achieve, leverage and promote positive societal outcomes especially in the commercialization of advanced technologies, corporate governance, finance and international markets such as energy, environmental and climate change. A qualitative economist, Clark is co-author of *Agile Energy Systems: Global Lessons Learned from the California Energy Crisis* (Elsevier Press, UK, July 2004) with U.C. Davis professor Ted Bradshaw.

Clark was the Deputy Director/Senior Policy Advisor to Governor Gray Davis' Office of Planning and Research from 2000-03, where he focused on sustainable development, renewable energy, advanced and emerging technologies, finance and public-private commercial strategies for "California's Next Economy." Clark was responsible for starting the planning and implementation of California's hydrogen economy and its "hydrogen freeway."

In the 1990s, Clark was managing director of the Center for New Venture Alliance at California State University, Hayward, then manager of Strategic Planning for the Energy-Environmental Directorate of Lawrence Livermore National Laboratory. He also worked with the U.N. Intergovernmental Panel and Framework Convention for Climate Change. Clark was a visiting professor of Entrepreneurship at Aalborg University, Denmark (1999-2000) when he was recruited by Gov. Davis to assist with the energy crisis.

A Fulbright Scholar, Clark earned master's degrees at the University of Illinois, Urbana, Roosevelt University and Loyola University, Chicago, and his Ph.D. at University of California, Berkeley.

**Jerald Cole** is the Chief Technology Officer for Hydrogen Ventures LLC. Mr. Cole has more than 22 years of experience in R&D and other product development in the Energy & Environmental fields, including 12 years in management. He is currently Sr. Vice President and Chief Technology Officer of OptiSense LLC, in Torrance, CA. His prior experience includes Vice President for R&D at Hydrogen Burner Technology and several staff and senior management positions at GE EER, a subsidiary of GE Power Systems Division. He has published over 70 technical papers and presentations and holds 6 patents with 2 patents pending. Jerald earned a Master's degree in Chemical Engineering from MIT and a Bachelor's degree in Chemistry from San Jose State University.

**Michael L. Eaves** is Co-Chair of the Economy Team and President of the California Natural Gas Vehicle Coalition (CNGVC). The CNGVC is a coalition of public and private firms working to establish a sustainable market for natural gas vehicles in California. Coalition members include public utilities, engine and vehicle manufacturers, fuel providers, and product manufacturers supporting a natural gas vehicle market.

Eaves formerly ran the NGV market development program at the Southern California Gas Company. Prior to that, Eaves managed the NGV research program at SoCalGas and collaborated with other gas industry partners and DOE to develop a number of light-duty and heavy-duty NGV products. Eaves has been involved in NGV standards development. Prior to his NGV research, Eaves managed the industrial and commercial research for SoCalGas that included fuel cells and co-generation development.

Eaves has additional engineering and research experience in the chemical industry and food processing industry, and received a BS degree in Chemistry from the University of California at Davis.

**Stephen Lasher** is an Associate Principal and Manager of the Hydrogen and Fuel Cells unit of TIAX. Mr. Lasher's expertise includes market and technical assessments of advanced energy systems for stationary and transportation applications. Before coming to TIAX and formerly Arthur D. Little, Mr. Lasher received an M.S. in Mechanical Engineering from the Massachusetts Institute of Technology.

**Mitchell Pratt**, Vice President of Business Development, joined Clean Energy Fuels Corp. after a stint as the General Manager of the Natural Gas Vehicle (NGV) department for the Southern California Gas Company. His 18-year career represents a diverse background of leadership roles ranging from customer satisfaction, financial and distribution operations, to public policy, sales and market development. He has a degree in Engineering as well as an MBA.

**Walter W. Schroeder** is Co-Chair of the Economy Team and President of Distributed Energy Systems Corp., a company formed in 2003 that holds Proton Energy Systems and Northern Power Systems as subsidiaries. Mr. Schroeder is a founder of Proton Energy Systems and has served as the company's President and Chief Executive Officer since its inception in 1996. Mr. Schroeder has held executive positions with a number of energy and financial entities, including Goldman Sachs & Co., and the AES Corp. Mr. Schroeder's energy background began in 1975 when he joined the staff of the Interstate and Foreign Commerce Committee of the U.S. House of Representatives and later, as head of the Office of Regulatory Analysis at the Federal Energy Regulatory Commission. Mr. Schroeder received undergraduate and master's degrees from the Massachusetts Institute of Technology

**Jonathan Weinert** has been actively engaged in the energy and transportation industries for the past seven years. His undergraduate career focused on energy efficiency and renewable technology. After graduating college in 2000, he applied this expertise to the automotive industry, where he worked with Delphi Automotive's Energy and Engine Management group in Detroit to develop more fuel-efficient vehicles.

After discovering the prospects of hydrogen and fuel cell technology, he left for California in 2002 to help Ford Motor Company develop their California Fuel Cell Partnership office, which is now home to several fuel cell vehicles. Concurrently, Jonathan joined the UC-Davis Institute of Transportation Studies in the Spring of 2002 to pursue a joint Masters/PhD in Transportation Technology and Policy.

He spent Fall 2003 interning with the South Coast Air Quality Management in Los Angeles. This internship resulted in two case study reports on the development of hydrogen fueling stations at the LAX airport and the Coachella Valley wind farm.

Jonathan plans to complete his Master's in Spring 2004, and his PhD in Winter 2006. After completing these degrees, Jonathan plans to gain both domestic and international experience in the energy sector. His goal is to introduce clean fuels and technologies to developed and developing parts of the world.